

INTERNATIONAL SEARCH REPORT

International application No.

PCT/FI 2003/000798

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: G01C 22/00, A63B 69/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: G01C, A63B, G01R

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 0067858 A1 (MYNHARDT, GERHARD), 16 November 2000 (16.11.2000), whole document --	1-14
X	US 5661398 A (KA YIU SHAM ET AL), 26 August 1997 (26.08.1997), column 5, line 48 - column 6, line 17 --	1,2,4,6-8
X	EP 1250887 A2 (ACUMEN MANUFACTURING LTD.), 23 October 2002 (23.10.2002), whole document --	1,5-7,11,12, 14
X	US 4530105 A (J.RABINOWITZ), 16 July 1985 (16.07.1985), whole document --	1,2,6-8

☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search

14 January 2004

Date of mailing of the international search report

23-01-2004

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4703445 A (A.A.DASSLER), 27 October 1987 (27.10.1987), abstract --	1-14
A	US 4991126 A (L.REITER), 5 March 1991 (05.03.1991), abstract -- -----	1-14

INTERNATIONAL SEARCH REPORT

Information on patent family members

01/12/2003

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WO	0067858	A1	16/11/2000	AU	4308500	A	21/11/2000
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US	4530105	A	16/07/1985	NONE			
US	4703445	A	27/10/1987	DE	3405081	A	14/08/1985
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				JP	60188101	A	25/09/1985
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				AT	99387	A	15/12/1989
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				EP	0304419	A,B	01/03/1989
				JP	1502609	T	07/09/1989
				WO	8707012	A	19/11/1987
				AT	128986	A	15/02/1988
				AT	386683	B	26/09/1988